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# INTERNATIONAL PATENT COOPERATION TREATY

**PCT**

## NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner  
US Department of Commerce  
United States Patent and Trademark  
Office, PCT  
2011 South Clark Place Room  
CP2/5C24  
Arlington, VA 22202  
ETATS-UNIS D'AMERIQUE  
in its capacity as elected Office

Date of mailing: 25 January 2001 (25.01.01)	
International application No.: PCT/AU00/00362	Applicant's or agent's file reference: 9388
International filing date: 26 April 2000 (26.04.00)	Priority date: 23 April 1999 (23.04.99)
Applicant: WARD, Joseph et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International preliminary Examining Authority on:  
23 November 2000 (23.11.00)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was  
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer:  J. Zahra Telephone No.: (41-22) 338.83.38
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## PATENT COOPERATION TREATY

PCT

COMMUNICATION OF  
INTERNATIONAL APPLICATIONS

(PCT Article 20)

From the INTERNATIONAL BUREAU

To:

Commissioner  
US Department of Commerce  
United States Patent and Trademark  
Office, PCT  
2011 South Clark Place Room  
CP2/5C24  
Arlington, VA 22202  
ETATS-UNIS D'AMERIQUE  
in its capacity as designated Office

Date of mailing:

19 December 2000 (19.12.00)

The International Bureau transmits herewith copies of the international applications having the following international application numbers and international publication numbers:

International application no.:

PCT/AU00/00362

International publication no.:

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer:

J. Zahra

Telephone No.: (41-22) 338.83.38

## PATENT COOPERATION TREATY

**PCT**

**COMMUNICATION IN CASES FOR WHICH  
NO OTHER FORM IS APPLICABLE**

From the INTERNATIONAL BUREAU

To:

MARTIN, Michael, Adrian, Edward  
Chrysiliou Moore Martin  
143 Sydney Road  
Fairlight  
Sydney, NSW 2094  
AUSTRALIE

Date of mailing (day/month/year) 18 December 2000 (18.12.00)	
Applicant's or agent's file reference 9388	<b>REPLY DUE</b> see paragraph 1 below
International application No. PCT/AU00/00362	International filing date (day/month/year) 26 April 2000 (26.04.00)
Applicant MARKETBOOMER PTY LTD	

1. ☐ REPLY DUE within \_\_\_\_\_ months/days from the above date of mailing
- ☐ NO REPLY DUE, however, see below
- ☒ IMPORTANT COMMUNICATION
- ☐ INFORMATION ONLY

## 2. COMMUNICATION:

The International Bureau regrets to inform the applicant that, due to a problem in our computer system, the above identified international application has not been published promptly after the expiration of 18 months from the priority date, as provided in PCT Article 21(2)(a).

International publication will now take place on 25 January 2001 (25.01.01).

Meanwhile, the International Bureau will communicate a copy of the international application to each designated Office, in accordance with PCT Article 20.

A copy of this notification has been sent to the receiving Office RO/AU and all designated Offices.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Beate Giffo-Schmitt
Facsimile No. (41-22) 740.14.35	Telephone No. (41-22) 338.83.38

From the INTERNATIONAL BUREAU

PCT

NOTICE INFORMING THE APPLICANT OF THE  
COMMUNICATION OF THE INTERNATIONAL  
APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

To:

MARTIN, Michael, Adrian, Edward  
Chrysiliou Moore Martin  
143 Sydney Road  
Fairlight  
Sydney, NSW 2094  
AUSTRALIE

Date of mailing (day/month/year)

19 December 2000 (19.12.00)

Applicant's or agent's file reference

9388

## IMPORTANT NOTICE

International application No.

PCT/AU00/00362

International filing date (day/month/year)

26 April 2000 (26.04.00)

Priority date (day/month/year)

23 April 1999 (23.04.99)

Applicant

MARKETBOOMER PTY LTD et al

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice:

AG,AU,DZ,KP,KR,US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

AE,AL,AM,AP,AT,AZ,BA,BB,BG,BR,BY,CA,CH,CN,CR,CU,CZ,DE,DK,DM,EA,EE,EP,ES,FI,GB,GD,  
GE,GH,GM,HR,HU,ID,IL,IN,IS,JP,KE,KG,KZ,LC,LK,LR,LS,LT,LU,LV,MA,MD,MG,MK,MN,MW,MX,  
NO,NZ,OA,PL,PT,RO,RU,SD,SE,SG,SI,SK,SL,TJ,TM,TR,TT,TZ,UA,UG,UZ,VN,YU,ZA,ZW

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on under No. WO 00/00000

## REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

## REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

J. Zahra

Facsimile No. (41-22) 740.14.35

Telephone No. (41-22) 338.83.38

## Continuation of Form PCT/IB/308

NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF  
THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES

Date of mailing (day/month/year) 19 December 2000 (19.12.00)	IMPORTANT NOTICE
Applicant's or agent's file reference 9388	International application No. PCT/AU00/00362
<p>The applicant is hereby notified that, at the time of establishment of this Notice, the time limit under Rule 46.1 for making amendments under Article 19 has not yet expired and the International Bureau had received neither such amendments nor a declaration that the applicant does not wish to make amendments.</p>	

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU00/00362

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>												
Int. Cl. <sup>7</sup> : G06F 17/60, 19/00, 153/00												
According to International Patent Classification (IPC) or to both national classification and IPC												
<b>B. FIELDS SEARCHED</b>												
Minimum documentation searched (classification system followed by classification symbols) IPC G06F 15/22, 15/24, 17/60, 19/00, 153/00												
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched AU: IPC AS ABOVE												
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPAT, JAPIO												
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>												
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
X	US 5758328A, GIOVANNOLI, 26 May 1998 whole document	1-29										
A	WO 9324892A, ROUGHGARDEN et al, 9 December 1993											
A	US 5794207A, WALKER et al, 11 August 1998											
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex												
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E" earlier application or patent but published on or after the international filing date</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&amp;" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention											
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone											
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art											
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family											
"P" document published prior to the international filing date but later than the priority date claimed												
Date of the actual completion of the international search 16 May 2000		Date of mailing of the international search report 26 MAY 2000										
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer  S KAUL Telephone No : (02) 6283 2182										

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU00/00362

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5168446A, WISEMAN, 1 December 1992	
P,A	US 6041308A, WALKER et al, 21 March 2000	



**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
**PCT/AU00/00362**

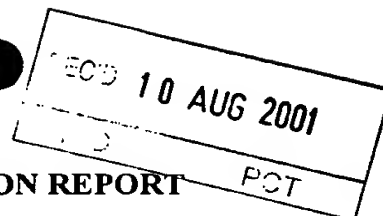
This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	5758382	AU	23281/97	AU	20696/97	EP	882269
		NZ	331921	WO	9731322	US	5842178
US	5794207/ 6041308	AU	42479/97	BR	9713193	EP	954817
		WO	9810361				
END OF ANNEX							

11

**PATENT COOPERATION TREATY**  
**PCT**  
**INTERNATIONAL PRELIMINARY EXAMINATION REPORT**

(PCT Article 36 and Rule 70)



Applicant's or agent's file reference 9388/KMC/TP/sw	<b>FOR FURTHER ACTION</b>	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416).
International Application No. <b>PCT/AU00/00362</b>	International Filing Date ( <i>day/month/year</i> ) 26 April 2000	Priority Date ( <i>day/month/year</i> ) 23 April 1999
International Patent Classification (IPC) or national classification and IPC <b>Int. Cl. <sup>7</sup> G06F 17/60, 19/00, 153/00</b>		
Applicant <b>MARKETBOOMER PTY LTD et al</b>		

1.	This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2.	This REPORT consists of a total of 4 sheets, including this cover sheet. <input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).  These annexes consist of a total of 13 sheet(s).
3.	This report contains indications relating to the following items:  I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV <input checked="" type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input type="checkbox"/> Certain defects in the international application VIII <input type="checkbox"/> Certain observations on the international application

Date of submission of the demand 23 November 2000	Date of completion of the report 31 July 2001
Name and mailing address of the IPEA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized Officer  <b>J.W. THOMSON</b> Telephone No. (02) 6283 2214

**I. Basis of the report**

1. With regard to the **elements** of the international application:\*
- ☐ the international application as originally filed.
- ☒ the description, pages 1 - 5, 7, 16 - 19, 21, as originally filed,  
pages 6, received on 7 May 2001 with the letter of 7 May 2001  
pages 8 - 15, 20, received on 12 February 2001 with the letter of 12 February 2001
- ☒ the claims, pages 22, 23, 25, 26, 28, as originally filed,  
pages , as amended (together with any statement) under Article 19,  
pages 24, received on 12 July 2001 with the letter of 12 July 2001  
pages 27, received on 7 May 2001 with the letter of 7 May 2001
- ☒ the drawings, pages 1, 2, 4 - 20, as originally filed,  
pages , filed with the demand,  
pages 3 received on 12 February 2001 with the letter of 12 February 2001
- ☐ the sequence listing part of the description:  
pages , as originally filed  
pages , filed with the demand  
pages , received on with the letter of
2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.  
These elements were available or furnished to this Authority in the following language which is:
- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).
3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:
- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished
4. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages
- ☐ the claims, Nos.
- ☐ the drawings, sheets/fig.
5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report

**IV. Lack of unity of invention**

1. In response to the invitation to restrict or pay additional fees the applicant has:

- ☐ restricted the claims.
- ☐ paid additional fees.
- ☐ paid additional fees under protest.
- ☐ neither restricted nor paid additional fees.

2. ☐ This Authority found that the requirement of unity of invention is not complied with and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees.

3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is

- ☐ complied with.
- ☒ not complied with for the following reasons:

Claims 1 to 27 define an arrangement for computerised processing of orders.

Claims 28 and 29 define an on-line arrangement for providing information to users.

4. Consequently, the following parts of the international application were the subject of international preliminary examination in establishing this report:

- ☒ all parts.
- ☐ the parts relating to claims Nos.

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement**

Novelty (N)	Claims 1 - 29	YES
	Claims	NO
Inventive step (IS)	Claims 1 - 29	YES
	Claims	NO
Industrial applicability (IA)	Claims 1 - 29	YES
	Claims	NO

**2. Citations and explanations (Rule 70.7)**

## Claims 1 to 29

None of the citations in the search report, individually or in combination, disclose the features of the claims. Furthermore, none of the distinguishing features over the prior art would either be obvious to a person skilled in the art or would merely amount to adding common general knowledge. The claims are, therefore, novel and inventive.

secondary data selection criteria generating means for generating secondary data selection criteria for at least one user;

secondary data supply means for receiving said secondary data selection criteria and for supplying one or more of the users with secondary data  
5 concurrently or sequentially with the primary data;

recording means for recording data relating to the actions of at least one of the users supplied with said secondary data in the on-line system and for recording data relating to what secondary data was supplied to the or each of said respective users;

10 wherein said secondary data selection criteria includes information relating to the user identity information.

The invention also provides a method of obtaining information on users of an on-line system which provides primary data to users, the method including:

uniquely identifying users of the system with a unique identifier;

15 obtaining additional information relating to at least some of the users;

selecting and providing secondary data to users of the system concurrently or sequentially with the primary data;

recording information relating to actions of the users supplied with secondary data and information relating to what secondary data was  
20 supplied to each respective user;

wherein the secondary data supplied to each user is selected at least in part using the unique identifier and/or at least part of said additional information.

The system is preferably an on-line ordering system. The system may have multiple suppliers of goods and supplier details may be recorded in the system.

Figure 11 is a screen shot of a supplier's form for selecting purchasers.

Figure 12 is a screen shot of a supplier's form for entering purchaser terms.

Figure 13 is a screen shot of a form for purchasers to select product categories.

Figure 14 is a screen shot of a form for purchasers to select suppliers.

5 Figure 15 is a screen shot of a form for creating custom lists.

Figure 16 is a screen shot of a form for purchasers to select items.

Figure 17 is a screen shot of a form for purchasers to optionally select suppliers.

Figure 18 is a screen shot of a form for placing an order.

Figure 19 is a screen shot of a purchaser's order summary form, showing multiple  
10 orders.

Figure 20 shows the flow diagrams of the purchasing and supplier processes involved with the system of the second embodiment.

### **Best Mode of Carrying out the Invention**

15 Referring to the drawings a central location has a database 10 which includes a master list of all items offered for sale 12 through the system, details of registered suppliers 14, details of registered purchasers 16, details 18 of which items on the master are supplied by each of the registered suppliers and the supplier's price or prices for the items and details 20 of purchasers to whom suppliers will supply  
20 goods. Purchasers and suppliers access the database via a network, indicated at 13. In the preferred form suppliers 14 select whether to supply or not to supply each of the registered purchasers 16. However, it is within the scope of the invention for suppliers 14 to select whether to supply specific items to a purchaser.

It is also within the scope of the invention for the system to include a generic "new purchaser", to which suppliers may choose to supply or not.

The administrator of the system compiles the master list 12 of items which it intends to make available through the system.

- 5 Referring to Figures 1 and 3, the administrator 8 has entered basic details 12 of each item and has provided the ability to have three separate prices per item. These are Price A, Price B and Price C. Each supplier 14 may view each item and enter its own product code 24 and prices per unit at 26, 28 and 29. The price to the purchaser ultimately depends on global criteria set by the administrator and/or
- 10 specific criteria set by the specific supplier, as will be discussed further. For instance, the administrator may charge a flat "processing fee" for each master order. These supplier/item details may be viewed and updated by the respective supplier.

- Prospective purchasers 16 register and provide details such as company name,
- 15 address and contact details 30 (Figure 4). These details 30 are then made available to all suppliers via a supplier/purchaser term form, shown at Figure 4. Each supplier may review each potential purchaser and specify whether to supply the purchaser or not, at 32. The supplier may specify one or more price structures at 34, minimum order value 36, delivery charge 38 and payment terms 40, such as
- 20 COD and a customer number 42. These details are also stored in the central database. It will be appreciated that other details may be recorded and that, if desired, supply on an item by item basis to a particular customer can be specified.

- For registered purchasers, on logging on to the system (which identifies the purchaser) a query is run which presents a list of available suppliers to the specific
- 25 purchaser, shown in Figure 5. Only those suppliers who have chosen to supply the purchaser are shown. The system allows for "competitive" ordering and/or "direct" ordering, which will be discussed later.



The list of available suppliers is grouped by each broad category of goods derived from a query based on the purchaser's details and available suppliers. Suppliers who have chosen not to supply that particular purchaser are preferably not displayed.

- 5 Referring to Figure 5, the supplier selection screen is divided into "competitive liquor" 50, "competitive dry goods" 52, "combined beer" 54 and "direct ordering" 56 sections. The sections displayed depend on the items selected by the relevant suppliers. The "direct ordering" section includes all suppliers appearing in the other sections.
- 10 At this point the purchaser may choose one or more quotation paths, as detailed below.

#### Competitive

- For each competitive category, suppliers available to the particular purchaser for the relevant group of items are displayed. The purchaser may select one or more of
- 15 the suppliers using the "tick" boxes. In Figure 5 five potential suppliers of liquor are shown but only two are selected. In practice one would expect all suppliers to be selected in a competitive order.

- This selection is sent to the central database and the database program selects and sorts each item so the purchaser obtains the best price per item and/or the best price
- 20 for the entire order. A supplier may provide a low price per item but only on total orders over a certain value. The system may be enabled to calculate the best order total as well as the best item price, particularly if delivery charges are included.

- Since only those suppliers who have items available are available for selection, it is inherent that if all suppliers are selected, the purchaser will obtain prices for all
- 25 desired items. Since an item may only be available from a supplier who is not selected at the supplier selection stage, it is possible for a selected item to be

unavailable from the selected suppliers and there is provision for unavailable items to be so marked.

A list of available items is then presented to the purchaser, without identification of the potential suppliers. If desired the list of items may be further divided by  
5 category to present manageable lists. For example, supplies for hotels may be divided into non-alcoholic beverages, white wines, red wines, beer, liquor, etc. Further sub-categories may be provided as needed.

The list of goods available depends on what items are supplied by the suppliers, whether the suppliers have chosen to supply to the specific purchaser and whether  
10 the purchaser has selected the supplier at the selection screen.

Referring to Figure 6, the purchaser selects items 64 and unit or case quantities 68,66 and delivery requirements 70. The quantities may be case or unit quantities. Since the price per unit depends on the available supplier's price and other criteria such as location, freight charges, etc., no price is shown.

15 As seen in Figure 6, the purchaser is in a screen showing liquors, which have been further divided into sub-groups, such as "Aperitifs and Bitters" 72 and Bourbon 74. These sub-groups are derived from the sub-category field of the product information, shown in Figure 3.

Once the purchaser has completed the selection of items and quantities, the  
20 selection is sent to the central database and the database program selects and sorts each item so the purchaser obtains the best price per item and/or the best price for the entire order. A supplier may provide a low price per item but only on total orders over a certain value or quantity. The system may be enabled to calculate the best order total as well as the best item price, particularly if delivery charges are  
25 included.

Since only those items available from the selected suppliers will be displayed it is inherent that the purchaser will obtain prices for all desired items, even if only one supplier supplies one of the required items.

The system then returns this information to the purchaser for review and  
5 acceptance or rejection at Figure 7, which shows the information regarding a purchaser's various sent orders and pending quotations. This information is preferably stored on the central database and may be viewed by various categories and each order or sub-order may be expanded in detail by clicking on the relevant order. For recurring orders the purchaser may save details of the desired items on  
10 its local computer, or on the central database, so that orders/selected suppliers may be easily placed without the need to again select items and/or suppliers.

Referring to Figure 7, there are shown a number of orders and pending quotations, 80, ordered by date 82. The status of the order/quotation is indicated by the tick or cross in the sent column 84. Placed orders are marked by a tick and pending  
15 quotations by a cross. As can be seen, each sub order 86 has its own status and each individual sub order may be accepted independently of other sub orders in the master order. The master order 88 includes two sub orders 90, 92 of which sub  
order 90 has been placed whilst sub order 92 has not been placed.

The returned information screen provides the purchaser with the ability to "drill  
20 down" to view details of each sub order and to input order numbers 94 for each supplier sub-order, as well as a master purchaser order number. Upon acceptance of the order or sub orders by the purchaser, this acceptance information is returned to the central database, which processes the order and generates final sub-order forms, one for each supplier with an appropriate list of items to be supplied by that  
25 supplier. Preferably the central database allocates supplier order numbers and returns the completed sub-order information to the purchaser.

Direct

Selection of "direct" suppliers is also made using a screen similar to Figure 5.

In the case of direct ordering, the purchaser selects one or more of the available suppliers. The selection of suppliers for a "direct" order is independent of any  
5 "competitive" order. As seen in Figure 5 the supplier, Australian Independent Wholesalers has been selected at 58 for a direct order and also for a competitive dry goods order at 60. A further supplier - Concept Amenities 62 is also displayed and selected and is one which supplies goods in a category not shown on the screen.

10 When all desired "direct" suppliers have been selected, this information is returned to the central database. The database software obtains a list of available goods from all of the selected suppliers and an item selection screen similar to that shown in Figure 6 is presented. It is to be remembered that at the initial item selection stage all items available to the purchaser are made available for selection, irrespective of  
15 the supplier and availability. The selection of items is then returned to the database which compiles separate quotations for each of the selected "direct suppliers". Since any one supplier may not supply all the desired items, unavailable goods need to be marked.

The central database then returns order/quotation information for each selected  
20 "direct supplier" to the purchaser for confirmation/amendment/rejection, etc., together with a list of unavailable items. In the example shown in Figure 5, at least eleven direct suppliers have been selected, so at least eleven complete and/or incomplete quotations will be returned to the purchaser. As with the competitive ordering system, there is provision for each order to be allocated a purchaser's  
25 order number, etc.,. Upon acceptance of one or more of these quotations, this information is returned, supplier order numbers allocated and the completed order information returned to the purchaser and sent to the supplier.

In the preferred embodiment the purchaser is provided with a list of available suppliers, selects those suppliers and the order type, ie., direct or competitive. The purchaser is then presented with a list of items available from those suppliers. As an alternative, the purchaser may be provided with a list of items before selecting  
5 suppliers.

For the purchaser, once they have registered and been selected by one or more suppliers, on logging on to the system, a list of available items is presented to the purchaser, without identification of the potential suppliers. The list of items available depends on what items are supplied by the suppliers and whether the  
10 suppliers have chosen to supply to the specific purchaser.

Once the items and quantities required have been selected, the purchaser proceeds to a supplier selection screen similar to that shown in Figure 5. A list of available suppliers for each broad category of goods is provided, again derived from a query based on the purchaser's details, the items requested and available suppliers.  
15 Suppliers who have chosen not to supply to that particular purchaser are preferably not displayed. Similarly, those who have chosen to supply to the particular purchaser but who do not supply any of the items requested would also preferably not be displayed.

The invention includes within its scope the ability for a master purchaser to  
20 represent a group of sub-purchasers to increase the buying power of the group. Each master purchaser would be entered in the central database with multiple "child" sub-purchasers, together with details of those sub-purchasers. When compiling an order, the master purchaser can specify who the true sub-purchaser is to enable delivery directly to the relevant sub-purchasers.

25 The system also includes within its scope an option for suppliers to obtain automatic feedback from known purchasers using the system. For example, a supplier may select one or more particular purchasers to target. Whenever the purchaser logs onto the system, an advertisement referring to that supplier is

presented to the customer. The supplier can get information - perhaps in the form of a graph - of that particular customer's buying pattern with the supplier, with an indication of the change which may have occurred when the customer was

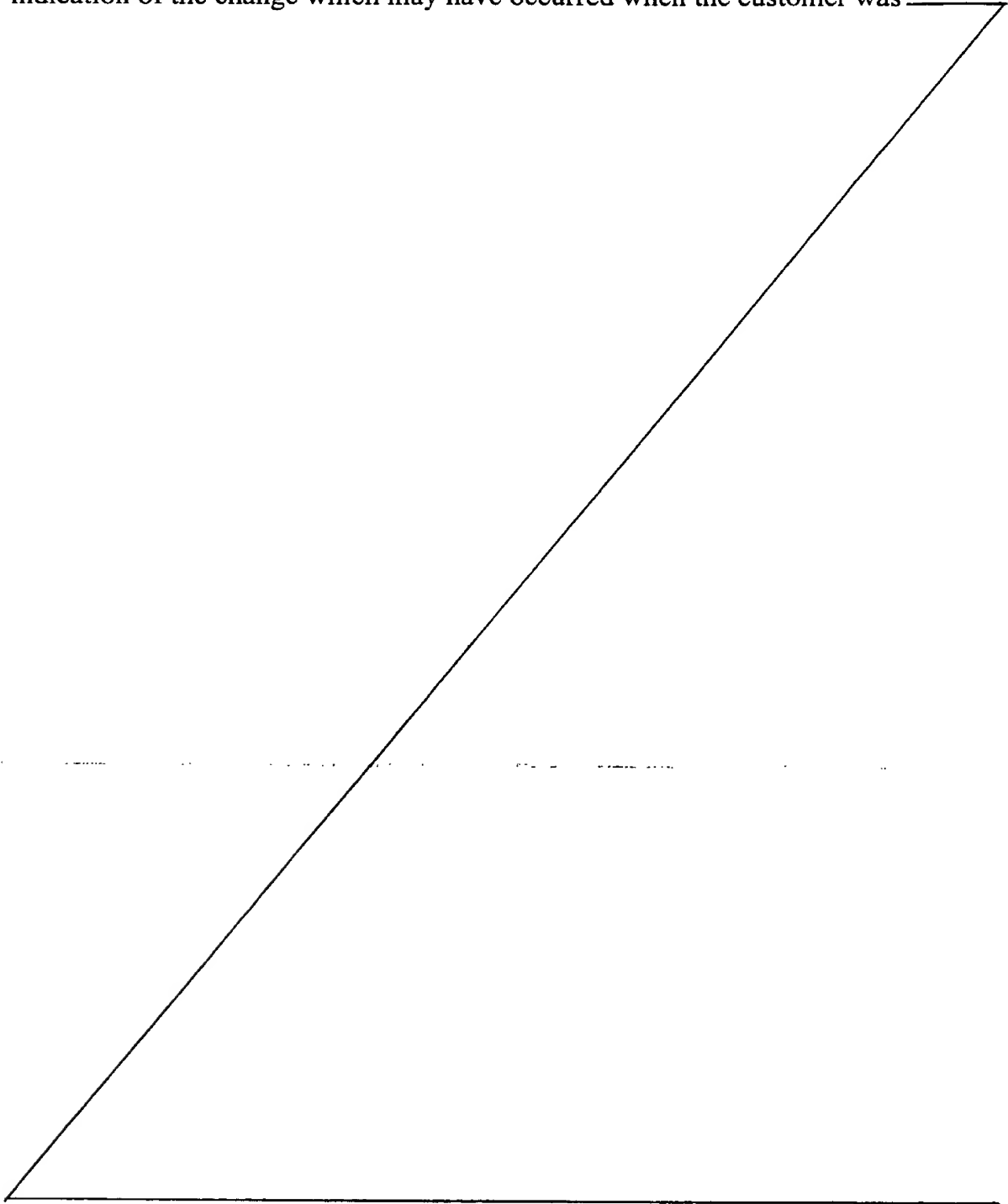


Figure 16 shows the product selection screen for product lists determined by the purchaser's nominated criteria. Products displayed may be limited by the product category filter combo box 230 and the subcategory filter combo box 232.

Quantities of each product required are input into text boxes 234. The check boxes  
5 236, 238 and 240 indicate whether a product has been selected to appear on the given order sheet. A product may appear on zero or more order sheets.

Figure 17 shows a form where a purchaser may optionally select suppliers for a product. All suppliers available to the purchaser are shown at 250. Again this list is based on an "opt in" or "opt out" selection criteria. To limit the purchase of the  
10 particular item to one or more specific suppliers, the user merely selects the desired supplier via the check boxes 252. These selections may be saved for future orders.

After all items have been selected a summary of the proposed purchase is produced and shown at Figure 18.

The form includes buttons to add products 254, save the order for later processing  
15 256, process the order 258, print the order 260, or abort 262.

If the process order button 258 is selected the system processes the order to determine the best price based on all relevant criteria and displays the end result at a form shown at Figure 19. Each supplier selected by the system is shown at 264, with the suborder total 268 and order total at 266. Each suborder may be sent to the  
20 supplier separately. Confirmation of order dispatch is shown at 270.

Figure 20 summarises, in flow chart form, the procedures discussed above for the second embodiment.

It will be appreciated that many modifications and variations may be made to the embodiment described herein by those skilled in the art without departing from the  
25 spirit or scope of the invention.

9388.doc

24

8. The system of claim 1 wherein the supplier selection criteria include restrictions retrieved from the purchaser terms.
9. The system of claim 1 wherein the supplier selection criteria result in the selected supplier for a desired item being the supplier with the lowest price per unit of the item.
10. The system of claim 9 wherein the lowest price is the base price or it may be an effective price after allowing for any of the following: freight, available discounts, bonuses.
11. The system of claim 1 wherein the supplier selection criteria includes purchaser supplied criteria and said purchaser supplied criteria includes any or all of the following: a selected supplier, two or more suppliers, suppliers from a specified geographic location or locations, and delivery times.
12. The system of claim 1 wherein the purchaser supplied criteria includes criteria to obtain quotations from two or more suppliers for all items on the desired item list supplied by the respective supplier.
13. The system of claim 1 including means to transmit orders to a selected supplier or suppliers for provision of ordered items.
14. A computerised method for processing orders including:
  - a) storing a master list of items, each of which represents a product or service;
  - b) storing supplier details;
  - c) storing item sale terms for at least one of the items for at least one of the suppliers;



- a) user identity means for storing user identity information relating to each of said users, at least part of which uniquely identifies each user from the other users;
- b) primary data supply means for supplying one or more users with primary data;
- c) secondary data selection criteria generating means for generating secondary data selection criteria for at least one user;
- d) secondary data supply means for receiving said secondary data selection criteria and for supplying one or more of the users with secondary data concurrently or sequentially with the primary data;
- e) recording means for recording data relating to the actions of at least one of the users supplied with said secondary data in the on-line system and for recording data relating to what secondary data was supplied to the user or each of said respective users;
- f) wherein said secondary data selection criteria includes information relating to the user identity information.

29. A method of obtaining information on users of an on-line system which provides primary data to users, the method including:

- a) uniquely identifying users of the system with a unique identifier;
- b) obtaining additional information relating to at least some of the users;
- c) selecting and providing secondary data to users of the system concurrently or sequentially with the primary data;

- d) recording information relating to actions of the users supplied with secondary data and information relating to what secondary data was supplied to each respective user;
- e) wherein the secondary data supplied to each user is selected at least in part using the unique identifier and/or at least part of said additional information.

**Abstract**

A central location has a database of goods and/or services available, suppliers, supplier prices and registered purchasers. A purchaser places an order or a request for a quotation with the central location for one or more items. The purchaser may  
5 specify one or more specific suppliers for the order or for the specific items of the order or may request a "best price" from all the suppliers. The supplier(s) may be specified before or after item selection. The central database is searched for the best price for each item and a list of items, suppliers and prices is returned to the prospective purchaser which represents the best price for all the specified items.

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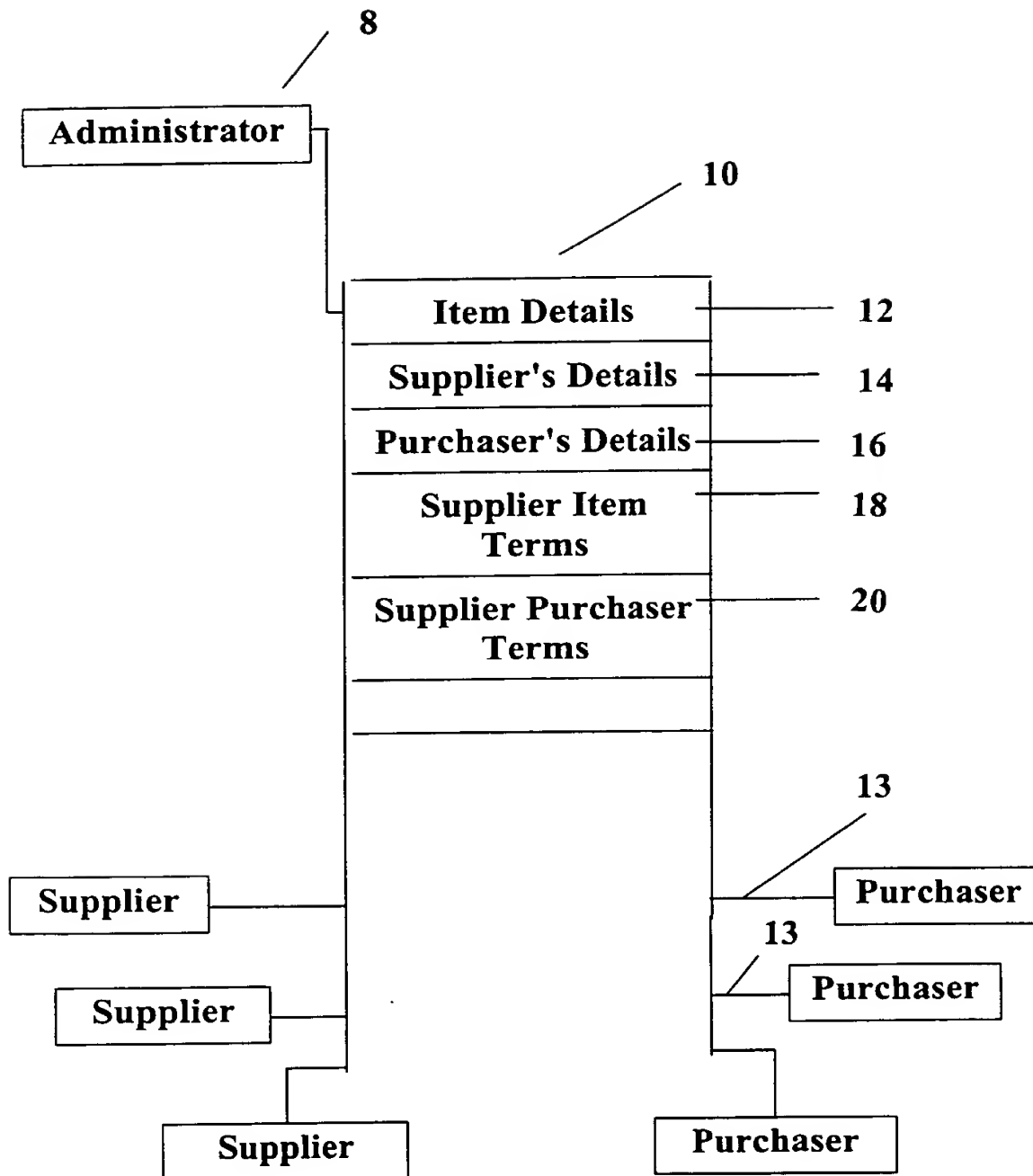


FIGURE 1

2 of 20



**FIGURE 2**

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20

Product Information:

Category:	Liquor	Sub Category:	Aperitifs and Bitters
Description:	Angostura Bitters	Generic Title:	
Unit Size:	200	Brand:	
Order Unit:	24/Case	Unit Measurement:	ml

Product Code:

Product Code
Demo Supplier:

24

Product Pricing:

	Price A	Price B	Price C
Demo Supplier Unit:	10	12	13
Demo Supplier Case:	100	120	130

26 28 30

FIGURE 3

4 of 20

Profile:

30

Name:	Demo Purchaser
Street Address:	124 Wattle Street
City / Suburb:	Sydney
State:	NSW
Post Code:	2000
Office Telephone No.:	02 9999 9997
Office Facsimile No.:	02 9999 9998
Delivery Instructions:	Via rear loading dock

Customer Numbers:

42

Demo Supplier:	54321
----------------	-------

Customer Profile:

32

34

36

38

40

Supply this Customer:	<input checked="" type="radio"/> Yes <input type="radio"/> No
Pricing Structure:	<input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C
Minimum Order:	\$100.00
Delivery Charge:	\$0.00
COD:	<input type="radio"/> Yes <input type="radio"/> No

FIGURE 4

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50

Competitive Liquor:	<input type="checkbox"/> Blue Hills Liquor Distributors <input type="checkbox"/> Demo Supplier <input checked="" type="checkbox"/> Harbottle Brown <input checked="" type="checkbox"/> Independent Consolidated Liquor Wholesalers <input type="checkbox"/> SPHC	
Competitive Dry Goods:	<input checked="" type="checkbox"/> Australian Independent Wholesalers <input checked="" type="checkbox"/> Chippy's Food Distributors <input checked="" type="checkbox"/> Epic Wright Heaton <input checked="" type="checkbox"/> John Lewis Food Service <input checked="" type="checkbox"/> R.M. Smith & Sons	60   52
Combined Beer:	<input checked="" type="checkbox"/> Carlton Special Beverages <input checked="" type="checkbox"/> Carlton & United Breweries <input checked="" type="checkbox"/> Tooheys	54
Fresh Foods List:	None Available	
Direct Ordering:	<input checked="" type="checkbox"/> Australian Independent Wholesalers <input type="checkbox"/> Blue Hills Liquor Distributors <input checked="" type="checkbox"/> BPM Trading Co Pty Ltd <input type="checkbox"/> Carlton Special Beverages <input type="checkbox"/> Carlton & United Breweries <input checked="" type="checkbox"/> Chippy's Food Distributors <input checked="" type="checkbox"/> Concept Amenities <input checked="" type="checkbox"/> Demo Supplier <input checked="" type="checkbox"/> Epic Wright Heaton <input type="checkbox"/> Harbottle Brown <input checked="" type="checkbox"/> Independent Consolidated Liquor Wholesalers <input checked="" type="checkbox"/> John Lewis Food Service <input checked="" type="checkbox"/> Martins Australia <input checked="" type="checkbox"/> Office Force <input checked="" type="checkbox"/> R.M. Smith & Sons <input type="checkbox"/> SPHC <input type="checkbox"/> Tooheys	58      62      56

FIGURE 5



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<b>Name:</b>	Demo Purchaser
<b>Address:</b>	124 Wattle Street Sydney, NSW, 2000
<b>Contact:</b>	
<b>Phone Number:</b>	02 9999 9997
<b>Delivery Instructions:</b>	Via rear loading dock
<b>Delivery Day:</b>	Next Delivery Run

70

72

64

Product Description	Unit Qty	Case Qty
<b>APERITIFS AND BITTERS</b>		
Angostura Bitters 200 ml 24/Case		
Campari & Soda ml 12/case		
Pernod 700 ml 12/case		
Pernod 1 L 12/case		
Pimms No 1 750 ml 12/case		
Ricard French Aperitif 700 ml 12/case		
<b>BOURBON</b>		
sdylhg3 Beams Choice 1 L 12/case		
123456 Beams Choice 700 ml 12/Case		

66

68

74

FIGURE 6

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82

# ORDERS

84

View By Date

View By Category

View By Supplier

Quick Search

Date Ordered	Category Supplier	Order No.	\$ Value	Delivery Day	Sent? Payment Method
80 — 06/06/2000	Liquor	88			
		86			
	Harbottle Brown	123	\$3,934.21	Next Delivery Run	✓ Account
	Blue Hills Liquor Distributors		\$908.35	Next Delivery Run	✗ COD
	<u>Total Order</u>		\$4,842.56		

80

Liquor

88

86

Harbottle Brown

Blue Hills Liquor Distributors

Total Order

94

\$3,934.21  
\$908.35  
\$4,842.56

90

Account  
COD

92

FIGURE 7

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102
104

Product Category: Liquor

Sub Category: Aperitifs and Bitters

Brand: Select a brand

Quick Find Index

106

Structure Name: Catalogue Prices

Structure Code: 02

Description	Brand	Product Code	Sell Size	Base Pricing	Fixed Pricing	Change	Change	Lock Changes
Angostura Bitters		4857	200 ml		5.00			
<u>Volume Breaks</u>		Special	24 Carton		60.00			
Bulon rosso antico			750 ml					
<u>Volume Breaks</u>		Special	12 Carton					
Campari		0025365	750 ml		8.50			
<u>Volume Breaks</u>		Special	12 Carton		118.500			
Campari & Soda		111	375 ml					
<u>Volume Breaks</u>		Special	12 Carton					
Dubonnet			750 ml		10			
<u>Volume Breaks</u>		Special	12 Carton		100			

108
110
112
114

FIGURE 8

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Volume Breaks - Microsoft Internet Explorer					
Product Description:		Angostura Bitters			
Unit Size:		200 ml Bottle			
Package Size:		24 Carton			
Lock Volume Breaks:		<input type="radio"/> Yes <input checked="" type="radio"/> No			
<b>Unit Volume Breaks</b>					
Break 1	Minimum	Maximum	Fixed Price	% Change	\$ Change
1		10	0.80		
Break 2	Minimum	Maximum	Fixed Price	% Change	\$ Change
11		50		2	
Break 3	Minimum	Maximum	Fixed Price	% Change	\$ Change
51		9999		5	
<b>Package Volume Breaks</b>					
Break 1	Minimum	Maximum	Fixed Price	% Change	\$ Change
1		10	8		
Break 2	Minimum	Maximum	Fixed Price	% Change	\$ Change
11		50			20
Break 3	Minimum	Maximum	Fixed Price	% Change	\$ Change
51		9999			50

FIGURE 9

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Delivery Charges Name:		Default		154		152	
Delivery Charges Code:		DF		Codes used so far: DF, DG, WA, SY, AA, NT, NS			

Break	Minimum	Maximum	Measure	\$ Charge	% Charge
Break 1			<input type="radio"/> Dollars <input type="radio"/> Units <input type="radio"/> Packages		
Break 2			<input type="radio"/> Dollars <input type="radio"/> Units <input type="radio"/> Packages		
Break 3			<input type="radio"/> Dollars <input type="radio"/> Units <input type="radio"/> Packages		
Break 4			<input type="radio"/> Dollars <input type="radio"/> Units <input type="radio"/> Packages		
Break 5			<input type="radio"/> Dollars <input type="radio"/> Units <input type="radio"/> Packages		

Option 1 - Choose charge per unit, package or both.		162	
<input type="text"/> \$	<input type="text"/> %	Delivery charge applied to units	
<input type="text"/> \$	<input type="text"/> %	Delivery charge applied to packages	
Option 2 - Calculated charges. Choose one only.		172	
<input type="text"/> \$ per unit	Unit Charge = Dollar Value		Package Charge = Dollar Value * Number of Units in Package
<input type="text"/> \$ per package	Package Charge = Dollar Value		
Option 3 - Global		178	
<input type="text"/> %	Charge is applied to both units and packages.		

FIGURE 10

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State	City / Suburb	Customer Name	Customer Number	Customer Enabled	Price Structure	Approved By Customer
ACT						
	O Connor					
		<u>Canberra YHA</u>	123	X	Get access to business	184
NSW						
	Arnccliffe					
		<u>Hilton Sydney Airport</u>	12345	✓	Catalogue Prices	
		<u>Airport Sydney International Motor Inn</u>		X		
	Ashfield					
		<u>Western Suburbs Leagues Club</u>		X	Jim Beam special	186
	Bankstown					
		<u>Travelodge Bankstown</u>		X	Jim Beam special	
	Blacktown					
		<u>Blacktown Travelodge</u>		X	Manly Pacific Parkoyal	184
			182			
			182			

FIGURE 11

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Trading Rules:

<b>Supply this Customer</b>	<input checked="" type="radio"/> Yes <input type="radio"/> No		
<b>Pricing Structure</b>	Catalogue Prices		
<b>Delivery Charges Structure</b>	Default		
<b>Order Acceptance</b>	If the order is below 50 Dollars then the system will reject the order. Note: Dollars is the most reliable measure.		
<b>Delivery Times</b>	<b>Delivery Day</b>	<b>Cut-off Time</b>	<b>Cut-off Day</b>
	Sunday AM	<input type="text"/> PM	<input type="text"/>
	PM	<input type="text"/> PM	<input type="text"/>
	Monday AM	<input type="text"/> PM	<input type="text"/>
	PM	5 PM	Friday
	Tuesday AM	<input type="text"/> PM	<input type="text"/>
	PM	<input type="text"/> PM	<input type="text"/>
	Wednesday AM	<input type="text"/> PM	<input type="text"/>
	PM	<input type="text"/> PM	<input type="text"/>
	Thursday AM	<input type="text"/> PM	<input type="text"/>
	PM	<input type="text"/> PM	<input type="text"/>
	Friday AM	<input type="text"/> PM	<input type="text"/>
	PM	<input type="text"/> PM	<input type="text"/>
	Saturday AM	<input type="text"/> PM	<input type="text"/>
	PM	<input type="text"/> PM	<input type="text"/>
	<b>GO</b>	<input type="radio"/> Yes <input checked="" type="radio"/> No	

200 202 204

FIGURE 12

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Product Categories:

<input type="checkbox"/> Bakery	<input checked="" type="checkbox"/> Beer	<input type="checkbox"/> Books and Pads
<input checked="" type="checkbox"/> Books and Paper	<input type="checkbox"/> Canteen and Janitorial Supplies	<input checked="" type="checkbox"/> Computer Supplies
<input type="checkbox"/> Consumables	<input type="checkbox"/> Dairy	<input type="checkbox"/> Diaries and Planners
<input type="checkbox"/> Dry Foods	<input type="checkbox"/> Fresh Foods	<input type="checkbox"/> Frozen Foods
<input type="checkbox"/> Fruit and Vegetables	<input checked="" type="checkbox"/> Furniture	<input checked="" type="checkbox"/> General Office Supplies
<input type="checkbox"/> Guest Supplies	<input checked="" type="checkbox"/> Kitchen and Cleaning	<input checked="" type="checkbox"/> Liquor
<input checked="" type="checkbox"/> Mailing Supplies	<input type="checkbox"/> Meat	<input type="checkbox"/> Medical Supplies
<input checked="" type="checkbox"/> Office Machines	<input type="checkbox"/> Office Machines and Accessories	<input type="checkbox"/> Office Products
<input type="checkbox"/> Paper Supplies	<input type="checkbox"/> Poultry	<input checked="" type="checkbox"/> Presentation Supplies
<input checked="" type="checkbox"/> Printing	<input type="checkbox"/> Seafood	<input type="checkbox"/> Smallgoods
<input type="checkbox"/> St George	<input checked="" type="checkbox"/> Storage, Filing and Desk Accessories	<input type="checkbox"/> Wine - Australian Red
<input type="checkbox"/> Wine - Australian White	<input type="checkbox"/> Wine - Imported	<input type="checkbox"/> Wine - Others
<input type="checkbox"/> Wine - Sparkling and Champagne	<input checked="" type="checkbox"/> Writing and Correction	<input type="checkbox"/> YHA

210

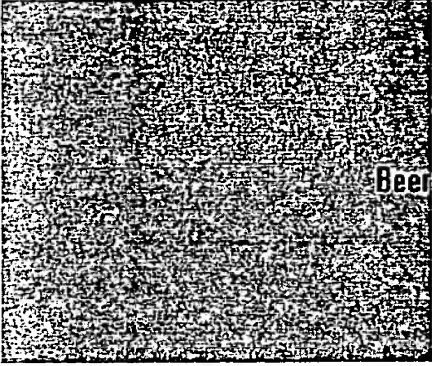
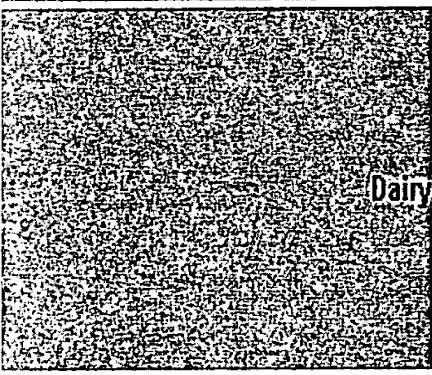
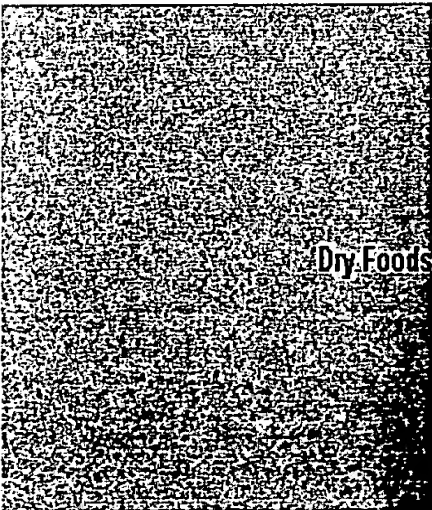
FIGURE 13



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**Suppliers Selected:**

**Note:** By selecting a supplier from the lists below you are agreeing to the terms and conditions set by that supplier. To view the list of suppliers click [here](#)

 <p>Beer</p>	<p>Maximum number of deliveries to receive: <input type="text" value="3"/></p> <p><input checked="" type="checkbox"/> Tooheys</p> <p><input checked="" type="checkbox"/> Carlton Special Beverages</p> <p><input checked="" type="checkbox"/> Harbottle Brown</p> <p><input checked="" type="checkbox"/> Demo Supplier</p> <p><input checked="" type="checkbox"/> Carlton &amp; United Breweries</p> <p><input checked="" type="checkbox"/> Blue Hills Liquor Distributors</p>
<p>Books and Paper</p>	<p><input type="checkbox"/> Blue Star Office</p>
<p>Computer Supplies</p>	<p><input type="checkbox"/> Blue Star Office</p>
 <p>Dairy</p>	<p>Maximum number of deliveries to receive: <input type="text" value="1"/></p> <p><input checked="" type="checkbox"/> Epic Wright Heaton</p> <p><input type="checkbox"/> R.M. Smith &amp; Sons</p> <p><input type="checkbox"/> Austrolex</p> <p><input checked="" type="checkbox"/> ButterFields</p> <p><input checked="" type="checkbox"/> DDyer</p> <p><input checked="" type="checkbox"/> Glace</p>
 <p>Dry Foods</p>	<p>Maximum number of deliveries to receive: <input type="text" value="3"/></p> <p><input checked="" type="checkbox"/> Australian Independent Wholesalers</p> <p><input type="checkbox"/> Harbottle Brown</p> <p><input checked="" type="checkbox"/> Epic Wright Heaton</p> <p><input checked="" type="checkbox"/> John Lewis Food Service</p> <p><input checked="" type="checkbox"/> Demo Supplier</p> <p><input type="checkbox"/> Chippy's Food Distributors</p> <p><input type="checkbox"/> Blue Hills Liquor Distributors</p> <p><input checked="" type="checkbox"/> R.M. Smith &amp; Sons</p> <p><input type="checkbox"/> Spacebud Pty Ltd</p>

**FIGURE 14**

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List Details:

List Name	Liquor Store
List Code	03
List Order	Alphabetical
Available Users	<input checked="" type="checkbox"/> Administration User <input checked="" type="checkbox"/> Nathan Smith <input type="checkbox"/> Billy Bob <input type="checkbox"/> Tara H <input type="checkbox"/> Gabriella Meloucas <input type="checkbox"/> barbara martin

Substitute Sheet  
(Rule 26) RO/AU

Supplier Selections:

Beer	Maximum number of deliveries to receive: 4	220
	<input checked="" type="checkbox"/> Tooheys <input type="checkbox"/> Carlton Special Beverages <input type="checkbox"/> Harbottle Brown <input type="checkbox"/> Demo Supplier <input checked="" type="checkbox"/> Carlton & United Breweries <input type="checkbox"/> Blue Hills Liquor Distributors	
Books and Paper	None Available	
Computer Supplies	None Available	
Dairy	Maximum number of deliveries to receive: 1	
	<input type="checkbox"/> Epic Wright Heaton <input checked="" type="checkbox"/> ButterFields <input checked="" type="checkbox"/> DDyer <input type="checkbox"/> Glace	

FIGURE 15

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Product Category: Liquor

Sub Category: Aperitifs and Bitters

Quick Find Index

---

Description	Brand	Unit Size	Package Size	Product Code	Par Level	Liquor Store	Grants bar	Davids Bar	Peter's Liquor Stor
<u>Angostura Bitters</u>		200 ml Bottle	24 Carton	LQ5558			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>Buton rosso antico</u>		750 ml Bottle	12 Carton			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Campari</u>		750 ml Bottle	12 Carton	LQ1001		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>Campari &amp; Soda</u>		375 ml Bottle	12 Carton	LQ1003		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Dubonnet</u>		750 ml Bottle	12 Carton	LQ1004		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Fernet Branca</u>		700 ml Bottle	6 Carton	LQ1005		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>Gammell Dansk Bitters</u>		700 ml Bottle	12 Carton	LQ1006		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Pernod</u>		1 L Bottle	12 Carton	LQ1008		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Pernod</u>		700 ml Bottle	12 Carton	LQ1007		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

230

232

236

238

240

FIGURE 16

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Product Information:

Category:	Liquor	Sub-Category:	Aperitifs and Bitters
Description:	Angostura Bitters	Brand:	
Unit/EAN:		Package/EAN:	
Unit/Generic Title:		Package/Generic Title:	
Unit Size:	200	Unit Measure:	ml
Unit Name:	Bottle		
Units Per Package:	24	Package Name:	Carton

Product Code:

	LQ5558
--	--------

Suppliers Chosen:

<p>(Note: If you do not select any suppliers then your default settings will be used.)</p>	<input type="checkbox"/> Carlton Special Beverages <input type="checkbox"/> Harbottle Brown <input type="checkbox"/> Demo Supplier
--	--

250

252

FIGURE 17

262 / 254 / 258 / 260 / 18 of 20  
 Abort / Add Product / Save Order / Process Order / Print

Name	Demo Purchaser
Customer Number	
Delivery Address	124 Wattle Street Perth, WA, 2000
Contact Name	
Telephone	02 9999 9997
Delivery Instructions	Via rear loading dock
Delivery Day	Next delivery run

Description	Brand	Product Code	Par Level	Unit Size	Unit Qty (Est. Avg. Price)	Package Size	Package Qty (Est. Avg. Price)
Absolut Vodka				700 ml Bottle	(\$26.96)	12 Carton	(\$312.62)
Aegean Ouzo				700 ml Bottle	(\$18.15)	12 Carton	(\$210.49)
Bacardi Mini				50 ml Bottle	(\$2.76)	12 Package	(\$31.99)
Bacardi Rum Gold				750 ml Bottle	(\$25.11)	12 Carton	(\$291.19)
Bacardi Rum Limon				700 ml Bottle	(\$156.86)	12 Carton	(\$291.19)

FIGURE 18

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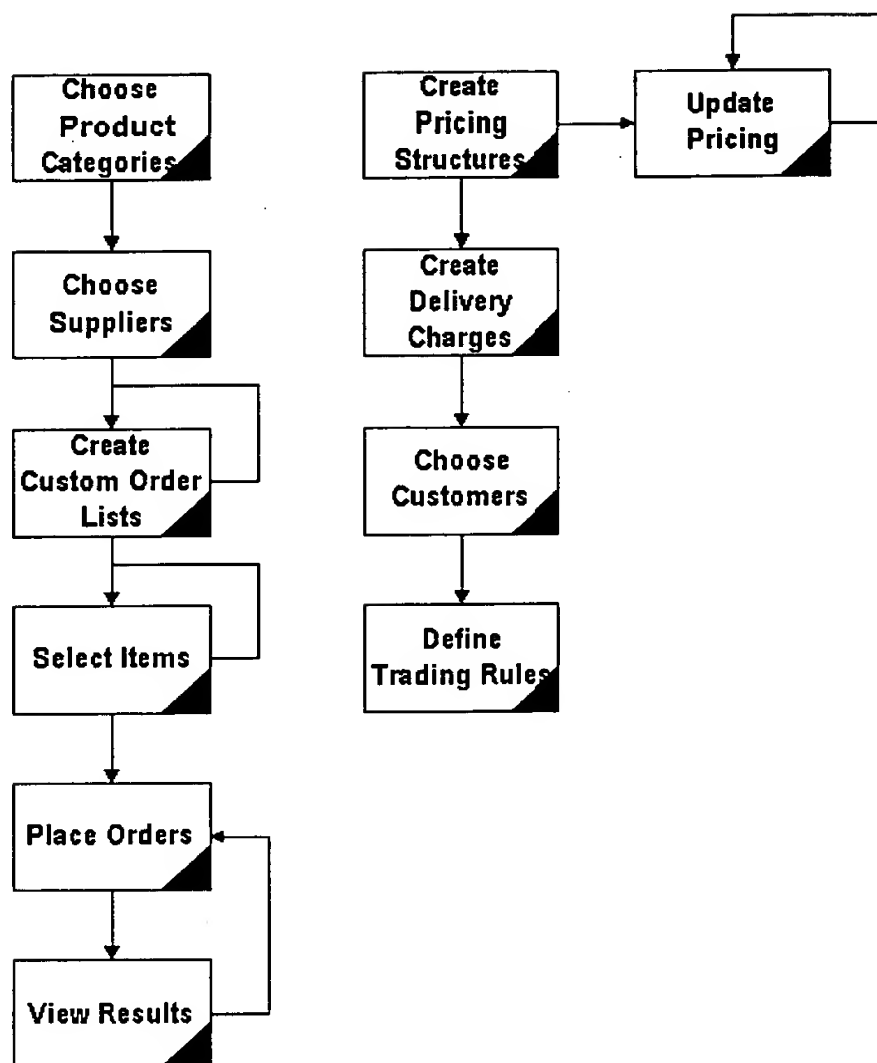
Date/Order Ref	Supplier	Order No.	Value	Delivery Day	Sent	Status	Payment Method
05/06/2000	Tooheys	nathan	\$128.10	Next Delivery Run	✓		Account
	Carlton & United Breweries		\$1,175.30	Next Delivery Run	✗		Account
	<u>Total Order</u>		\$1,303.40				
01/06/2000	Harbottle Brown	12365	\$23,569.16	Next Delivery Run	✓		Account
	<u>Total Order</u>		\$23,569.16				
05/10/2000	Harbottle Brown	12134ad	\$30,588.74	Next Delivery Run	✓		Account
	<u>Total Order</u>		\$30,588.74				
	Harbottle Brown	12359	\$99,833.48	Next Delivery Run	✓		Account
	Carlton & United Breweries		\$99.95	Next Delivery Run	✗		Account
	<u>Total Order</u>		\$99,933.44				
	Tooheys		\$1,584.68	Next Delivery Run	✗		Account
	Carlton & United Breweries	12358	\$3,777.45	Next Delivery Run	✓		Account
	<u>Total Order</u>		\$5,362.13				

FIGURE 19

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**Purchasing Process**

**Supplier Process**



**FIGURE 20**

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau(43) International Publication Date  
25 January 2001 (25.01.2001)

PCT

(10) International Publication Number  
**WO 01/06422 A1**

- (51) International Patent Classification<sup>7</sup>: G06F 17/60, 19/00, 153/00
- (21) International Application Number: PCT/AU00/00362
- (22) International Filing Date: 26 April 2000 (26.04.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
PP 9969 23 April 1999 (23.04.1999) AU
- (71) Applicant (for all designated States except US): **MAR-KETBOOMER PTY. LTD.** [AU/AU]; Ground Floor, International Business Centre, Australian Technology Park, Eveleigh, NSW 1430 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **WARD, Joseph** [AU/AU]; Ground Floor, International Business Centre, Australian Technology Park, Eveleigh, NSW 1430 (AU). **GYANESHWAR, Nathan, Sharad** [AU/AU]; Ground Floor, International Business Centre, Australian Technology Park, Eveleigh, NSW 1430 (AU).
- (74) Agents: **MARTIN, Michael, Adrian, Edward et al.**; Chrysiliou Moore Martin, 143 Sydney Road, Fairlight, Sydney, NSW 2094 (AU).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— With international search report.
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMPUTERISED ORDERING SYSTEM



(57) Abstract: A central location has a database of goods and/or services available, suppliers, supplier prices and registered purchasers. A purchaser places an order or a request for a quotation with the central location for one or more items. The purchaser may specify one or more specific suppliers for the order or for the specific items of the order or may request a "best price" from all the suppliers. The supplier(s) may be specified before or after item selection. The central database is searched for the best price for each item and a list of items, suppliers and prices is returned to the prospective purchaser which represents the best price for all the specified items.

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Product Information:

Category:	Liquor	Sub Category:	Aperitifs and Bitters
Description:	Angostura Bitters	Generic Title:	
Unit Size:	200	Brand:	
Order Unit:	24/Case	Unit Measurement:	ml

Product Code:

Product Code	24
Demo Supplier:	

Product Pricing:

	Price A	Price B	Price C
Demo Supplier Unit:	10	12	13
Demo Supplier Case:	100	120	130

26

28

29

FIGURE 3

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

REC'D 31 MAY 2000

WIPO

PCT

Applicant's or agent's file reference 9388	<b>FOR FURTHER ACTION</b>	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. <b>PCT/AU00/00362</b>	International filing date ( <i>day/month/year</i> ) 26 April 2000	(Earliest) Priority Date ( <i>day/month/year</i> ) 23 April 1999
Applicant <b>MARKETBOOMER PTY LTD et al</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (See Box II).

4. With regard to the **title**, ☒ the text is approved as submitted by the applicant.  
☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**, ☒ the text is approved as submitted by the applicant  
☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No. **2**

☒ as suggested by the applicant.

☐ None of the figures

☐ because the applicant failed to suggest a figure

☐ because this figure better characterizes the invention

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU00/00362**A. CLASSIFICATION OF SUBJECT MATTER**Int. Cl. <sup>7</sup>: G06F 17/60, 19/00, 153/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
IPC G06F 15/22, 15/24, 17/60, 19/00, 153/00Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
AU: IPC AS ABOVEElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WPAT, JAPIO**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5758328A, GIOVANNOLI, 26 May 1998 whole document	1-29
A	WO 9324892A, ROUGHGARDEN et al, 9 December 1993	
A	US 5794207A, WALKER et al, 11 August 1998	

☒ Further documents are listed in the continuation of Box C ☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 16 May 2000	Date of mailing of the international search report 26 MAY 2000
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929	Authorized officer  S KAUL Telephone No : (02) 6283 2182

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU00/00362

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5168446A, WISEMAN, 1 December 1992	
P,A	US 6041308A, WALKER et al, 21 March 2000	

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
**PCT/AU00/00362**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	5758382	AU	23281/97	AU	20696/97	EP	882269
		NZ	331921	WO	9731322	US	5842178
US	5794207/ 6041308	AU	42479/97	BR	9713193	EP	954817
		WO	9810361				
							END OF ANNEX

## PCT REQUEST

Original (for SUBMISSION) - printed on 26.04.2000 03:10:44 PM

0	For receiving Office use only	
0-1	International Application No.	<b>PCT/AU 00 / 00362</b>
0-2	International Filing Date	<b>26 APR 2000</b> (26.04.00)
0-3	Name of receiving Office and "PCT International Application"	Australian Patent Office PCT INTERNATIONAL APPLICATION
0-4	Form - PCT/RO/101 PCT Request Prepared using	PCT-EASY Version 2.90 (updated 08.03.2000)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Australian Patent Office (RO/AU)
0-7	Applicant's or agent's file reference	9388
I	Title of invention	COMPUTERISED ORDERING SYSTEM
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	MARKETBOOMER PTY LTD
II-5	Address:	Ground Floor, International Business Centre Australian Technology Park Eveleigh, New South Wales 1430 Australia
II-6	State of nationality	AU
II-7	State of residence	AU
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II-9	Facsimile No.	612 9209 4155
II-10	e-mail	Info@spn.com.au

## PCT REQUEST

Original (for SUBMISSION) - printed on 26.04.2000 03:10:44 PM

III-1	<b>Applicant and/or inventor</b>	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	WARD, Joseph
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III-1-6	State of nationality	AU
III-1-7	State of residence	AU
III-1-8	Telephone No.	612 1300 722 002
III-1-9	Facsimile No.	612 9209 4155
III-1-10	e-mail	Info@spn.com.au
III-2	<b>Applicant and/or inventor</b>	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
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III-2-6	State of nationality	AU
III-2-7	State of residence	AU
III-2-8	Telephone No.	612 1300 722 002
III-2-9	Facsimile No.	612 9209 4155
III-2-10	e-mail	Info@spn.com.au
IV-1	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	MARTIN, Michael, Adrian, Edward
IV-1-2	Address:	Chrysiliou Moore Martin 143 Sydney Road Fairlight Sydney, New South Wales 2094 Australia
IV-1-3	Telephone No.	612 9949 6544
IV-1-4	Facsimile No.	612 9949 5047
IV-1-5	e-mail	CMM4iP@Ozemail.com.au
IV-2	<b>Additional agent(s)</b>	agent
IV-2-1	Name (LAST, First)	DREW, David, Charles
IV-2-2	Address:	143 Sydney Road Fairlight Sydney, New South Wales 2094 Australia

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9388

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<b>IV-3</b>	<b>Additional agent(s)</b>	<b>agent</b>
<b>IV-3-1</b>	Name (LAST, First)	<b>MOORE CHRYSILIOU, Kerry</b>
<b>IV-3-2</b>	Address:	<b>143 Sydney Road Fairlight Sydney, New South Wales 2094 Australia</b>
<b>IV-3-3</b>	Telephone No.	<b>612 9949 6544</b>
<b>IV-3-4</b>	Facsimile No.	<b>612 9949 5047</b>
<b>IV-3-5</b>	e-mail	<b>CMM4iP@Ozemail.com.au</b>
<b>V</b>	<b>Designation of States</b>	
<b>V-1</b>	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<b>AP: GH GM KE LS MW SD SL SZ TZ UG ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE CH&amp;LI CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</b>
<b>V-2</b>	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<b>AE AG AL AM AT AU AZ BA BB BG BR BY CA CH&amp;LI CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW</b>
<b>V-3</b>	National Patent (States which have become party to the PCT after the issuance of this version of EASY)	<b>Any state which has become a member of the PCT after issuance of this version of PCT-EASY</b>
<b>V-5</b>	<b>Precautionary Designation Statement</b> In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
<b>V-6</b>	<b>Exclusion(s) from precautionary designations</b>	<b>NONE</b>



## PCT REQUEST

9388

Original (for SUBMISSION) - printed on 26.04.2000 03:10:44 PM

VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	23 April 1999 (23.04.1999)	
VI-1-2	Number	PP9969	
VI-1-3	Country	AU	
VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
VII-1	International Searching Authority Chosen	Australian Patent Office (ISA/AU)	
VIII	Check list	number of sheets	electronic file(s) attached
VIII-1	Request	4	-
VIII-2	Description	21	-
VIII-3	Claims	7	-
VIII-4	Abstract	1	9388abs.txt
VIII-5	Drawings	19	-
VIII-7	TOTAL	52	
	Accompanying items	paper document(s) attached	electronic file(s) attached
VIII-8	Fee calculation sheet	✓	-
VIII-16	PCT-EASY diskette	-	diskette
VIII-18	Figure of the drawings which should accompany the abstract	2	
VIII-19	Language of filing of the international application	English	
IX-1	Signature of applicant or agent		
IX-1-1	Name (LAST, First)	MARTIN, Michael, Adrian, Edward	

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	26 APR 2000 (26.04.00)
10-2	Drawings:	
10-2-1	Received ✓	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/AU
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	10 MAY 2000 (10.05.00)
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